DISCOVERY SERIES
STEEL WOOD STOVES
In 1990, the U.S. Environmental Protection Agency (EPA) enacted stringent wood-burning regulations, crippling the more than 500 wood stove manufacturers around the country. But not Quadra-Fire®.

Two years of research and development later, founders Alan Trusler and Dan Henry unveiled their patented “Quad Burn” system. The technology produced powerful and efficient rolling flames so intense, it dawned the inception of the Quadra-Fire name.

**WHY QUADRA-FIRE**

For more than 30 years, Quadra-Fire has put performance and easy operation above all else. Today these ideals are vibrant and alive, blending our past with our present. Quadra-Fire products are proudly built to last by our members.

**WHY WOOD**

IT’S RENEWABLE - Using renewable energy sources is more important than ever and wood is 100 percent renewable. When you burn wood, you are also completing the last step of the natural carbon cycle of trees, resulting in a zero net carbon impact on the environment.

IT’S COST-EFFECTIVE - Heating with wood costs less than heating with electricity, liquid propane or heating oil, especially if you harvest wood yourself.

As the fire ignites, it remains clear: **NOTHING BURNS LIKE A QUAD.**
EXCLUSIVE TECHNOLOGIES

Innovative technology is at work in every Quadra-Fire. These advancements make it possible to burn wood more effectively, efficiently, and with more control.

FOUR-POINT BURN SYSTEM

The patented Quadra-Fire Four-Point Burn System produces intense rolling flames. Four combustion cycles extend the heat, enhance the fire and increase efficiency for long-lasting, proven performance.

1. PRECISION START-UP
   Airflow quickly routes to the heart of the fire.

2. SECONDARY BURN ZONE
   Air movement helps create rolling flames and keeps the glass clean.

3. TERTIARY BURN ZONE
   Superheated air ignites flammable gases rising from the wood.

4. QUATERNARY BURN ZONE
   Remaining impurities are burned above the baffle before exiting up the chimney.

AUTOMATIC COMBUSTION CONTROL

Automatic Combustion Control (ACC) is an advanced heat-management technology from Quadra-Fire. ACC feeds the fire with air when it's needed most—for precision start-up and consistent, extended burns.

A. ACTIVATION CONTROL KNOB
   Push back and pull forward to activate start-up airflow.

B. ACC AIR INLET
   Controls start-up airflow to build the fire.

C. ACC TIMER
   Opens ACC air inlet during start-up for approximately 20 minutes.

D. BURN RATE CONTROL
   Controls the airflow feeding the fire, also controls your comfort.

QUADRA-FIRE
DISCOVER THE POSSIBILITIES

With Quadra-Fire, performance comes standard. Building on its strong legacy, Quadra-Fire creates products with:

PERFORMANCE

Get maximum heat and a clean burn, with the Quadra-Fire Four-Point Burn System delivering performance that you can see.

CONVENIENT

Save space with a wood storage bin that holds one day’s worth of wood.

Personalize your stove by choosing between the tiled or solid side panels. Customize the tile panels with any 12” x 12” ceramic tile, or paint the solid black side panel using high temperature paint.

EASY OPERATION

Eliminate the hassle and save time with Automatic Combustion Control (ACC): simply load the wood, light the fire and walk away.
**DISCOVERY III**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak BTU/hr Output</td>
<td>63,700</td>
</tr>
<tr>
<td>Heating Capacity</td>
<td>1,100-3,000 sq ft</td>
</tr>
<tr>
<td>Max. Burn Time</td>
<td>12 hrs</td>
</tr>
<tr>
<td>Efficiency</td>
<td>80.2%</td>
</tr>
<tr>
<td>Emissions</td>
<td>1.0 g/hr</td>
</tr>
<tr>
<td>Firebox</td>
<td>2.3 cu ft</td>
</tr>
<tr>
<td>Recommended Log Length</td>
<td>18”</td>
</tr>
<tr>
<td>Viewing Area</td>
<td>165 sq in</td>
</tr>
<tr>
<td>Actual Weight</td>
<td>360lb</td>
</tr>
</tbody>
</table>

- Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.

**PERSONALIZE YOUR STOVE**

**DISCOVERY III**

Shown above without tile kit or solid side panel.
Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.
**DISCOVERY I**

- **Max. Burn Time**: 7 hrs
- **Efficiency**: 78.7%
- **Heating Capacity**: 800-2,100 sq ft
- **Emissions**: 2.1 g/hr
- **Firebox**: 1.4 cu ft
- **Recommended Log Length**: 16”
- **Viewing Area**: 125 sq in
- **Actual Weight**: 285lb

Use any 11-3/4” x 11-3/4” x 3/8” ceramic tile, available at any tile and flooring retailer, or use the solid side panel, which can be painted using a high temperature paint.

**DISCOVER I SHOWN WITH CUSTOM TILE**

**PERSONALIZE YOUR STOVE**

- **Peak BTU/hr Output**: 44,000
- **Heating Capacity**: 800-2,100 sq ft
## Stove Comparison

<table>
<thead>
<tr>
<th></th>
<th>Discovery III</th>
<th>Discovery II</th>
<th>Discovery I</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Peak BTU/hr Output</strong></td>
<td>63,700</td>
<td>51,000</td>
<td>44,000</td>
</tr>
<tr>
<td><strong>Heating Capacity</strong></td>
<td>1,100 - 3,000 sq. ft.</td>
<td>1,000 - 2,600 sq. ft.</td>
<td>800 - 2,100 sq. ft.</td>
</tr>
<tr>
<td><strong>Maximum Burn Time</strong></td>
<td>12 hrs</td>
<td>10 hrs</td>
<td>7 hrs</td>
</tr>
<tr>
<td><strong>Efficiency</strong></td>
<td>80.2%</td>
<td>78.3%</td>
<td>78.7%</td>
</tr>
<tr>
<td><strong>Emissions</strong></td>
<td>1.0 g/hr</td>
<td>1.9 g/hr</td>
<td>2.1 g/hr</td>
</tr>
<tr>
<td><strong>Firebox Capacity</strong></td>
<td>2.3 cu ft</td>
<td>2.0 cu ft</td>
<td>1.4 cu ft</td>
</tr>
<tr>
<td><strong>Recommended Log Length</strong></td>
<td>18” max.</td>
<td>16” max.</td>
<td>16” max.</td>
</tr>
<tr>
<td><strong>Viewing Area</strong></td>
<td>165 sq in</td>
<td>165 sq in</td>
<td>125 sq in</td>
</tr>
<tr>
<td><strong>Actual Weight</strong></td>
<td>360 lb</td>
<td>339 lb</td>
<td>285 lb</td>
</tr>
</tbody>
</table>

### Accessories

**Fan Kit**
- All stoves

**Tile Panels** (Discovery II and II use three tiles per side. Discovery I uses two tiles per side)

**Solid Panels**
- Customize your stove by painting the side panels with high-temperature paint (rated above 300 degrees)
Limited Lifetime Warranty

The strongest in the industry, Quadra-Fire provides a limited lifetime warranty on the most important aspects: firebox and heat exchanger.

Thank you from everyone at Quadra-Fire